



BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

KODIGEHALI SUB DIVISOIN

**Name of the Work : Construction of Culverts in Various
Places in ward No. 09, Amruthahalli**

**EMB
ABSTRACT**

Job Code : 009-23-000006

BRUHATH BANGALORE MAHANAGARAPALIKE
YELAHANKA ZONE
ABSTRACT

Name of work: Construction of Culverts in Various Places in ward No. 09, Amruthahalli

Work Order No: BBMP/EE/BTP/WO/163/2022-23 Dt: 14.03.2023

JOB NUMBER: 009-23-000006

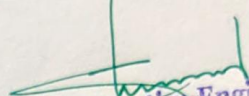
Estimate Cost: 10.00 lakhs.

Name of Contractor : M/s Ashok Construction, Prop Sri. Ashok C

Sl No	Description of work	Unit	Mesurement				Qty	Rate	Amount
			No.	L	B	D			
1	Earth work Excavation by manual means for drains, canals, waste weir, drsft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, i excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenances required to complete the work. (PWD SR 2021-22 Vol -1 Pg No 5 item no,1.4.1)								
		Cum					88.45	159.18	14079.47
2	Providing and laying in position Plain ' Cement Concrete Mix 1 :3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well i. compacted using plate vibrators, including ' all lead & lifts, cost of all materials of ; quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (PWD SR 2021-22 Vol -I Pg 15 item no 2.1.2)								
		Cum					11.66	4753.11	55421.26
3	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (PWD SR 2021-22 Vol -II Pg 9 Item No. 5.4)								
		Cum					40.82	4640.15	189410.92
4	Providing ruled pointing to cursed stone masonry with lime motar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost all materials, labour, usage charges of machinery, curing complete as pre specification. Item No. 21.10 Page No. 190, Vol - II PWD SR 2021-22								
		Sqm					77.76	203.68	15838.16
5	Providing and laying in position Plain ' Cement Concrete Mix 1 :3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well i. compacted using plate vibrators, including ' all lead & lifts, cost of all materials of ; quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (PWD SR 2021-22 Vol -I Pg 15 item no 2.1.3)								
		Cum					19.44	4902.02	95295.27

6	Providing and fixing pre cast covering slab 250mm thick made out of CC 1:2:4 and jelly 25 mm Down size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading lead and lift, transportation etc complete. As per engineer incharge. (Data Rate)						
	Sqm		Limited to	64.80	4215.20	273144.96	
7	Loading and unloading of stone Boulder/stone aggregates/sand/kankar/morrums. (Tippers 14m3) (PWD SR 20121-22 Vol -III pg no 3 item no.1.1 C)						
	Cum		Limited to	84.03	63.33	5321.62	
8	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km (Vol-III) Page No.3, Item No.1.4B of PWD SR 2021-22						
	T.km			1075.50	9.34	10045.17	
					Grand Total	658557.00	
					GST Charges (18%)	118540	
					Total Amount	777097.00	


 Assistant Engineer
 Ward No. 09


 Assistant Executive Engineer
 Kodigehalli Sub-Division
 BBMP, Bangalore



BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

KODIGEHALLI SUB DIVISOIN

**Name of the Work : Construction of Culverts in Various
Places in ward No. 09, Amruthahalli**

**EMB
Detail Measurement**

Job Code : 009-23-000006

BRUHATH BANGALORE MAHANAGARAPALIKE YELAHANKA ZONE

EMB Detail Measurement

Name of work: Construction of Culverts in Various Places in ward No. 09, Amruthahalli

Work Order No: BBMP/EE/BTP/WO/163/2022-23 Dt: 14.03.2023

JOB NUMBER: 009-23-000006

Estimate Cost: 10.00 lakhs.

Name of Contractor : M/s Ashok Construction, Prop Sri. Ashok C

Sl No	Description of work	Unit	Mesurement				Qty	Rate	Amount
			No.	L	B	D			
1	Earth work Excavation by manual means for drains,canals, waste weir, drsft, approach ' channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical :specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, i excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. (PWD SR 2021-22 Vol -1 Pg No 5 item no,1.4.1)								
Detail Qty Recorded as per Premeasurement Item No. 1		Page No.		88.45		159.18		14079.47	
Cum					1				
2	Providing and laying in position Plain ' Cement Concrete Mix 1 :3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well i . compacted using plate vibrators, including ' all lead & lifts, cost of all materials of ; quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (PWD SR 2021-22 Vol -I Pg 15 item no 2.1 .3)								
Detail Qty Recorded as per Premeasurement Item No. 2		Page No.		11.66		4753.11		55421.26	
Cum					1-2				
3	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (PWD SR 2021-22 Vol -II Pg 9 Item No. 5.4)								
a	3rd Cross Akashwani Layout First Course	Cum	2	6.90	0.60	0.45	3.73		
	Second Course		2	6.90	0.45	0.45	2.79		
b	8th Cross Bhuvaneshwari Nagar First Course		2	5.50	0.60	0.45	2.97		
	Second Course		2	5.50	0.45	0.45	2.23		
c	2nd Cross Amruthnagar A Sector First Course		2	5.60	0.60	0.45	3.02		
	Second Course		2	5.60	0.45	0.45	2.27		

d	1st Main Road Talacauvery Layout First Course	2	9.00	0.60	0.45	4.86		
	Second Course	2	9.00	0.45	0.45	3.65		
e	7th B Cross Jakkur Layout First Course	2	6.50	0.60	0.45	3.51		
	Second Course	2	6.50	0.45	0.45	2.63		
f	1st Cross Balaji Layout First Course	2	10.20	0.60	0.45	5.51		
	Second Course	2	12.20	0.45	0.45	4.94		
				Actual Qty		42.11		
				Limited to		40.82	4640.15	189410.92

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Kodigehalli Sub Division
BMP, Bangalore

4	Providing ruled pointing to cursed stone masonry with lime mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost all materials, labour, usage charges of machinery, curing complete as per specification. Item No. 21.10 Page No. 190, Vol - II PWD SR 2021-22							
a	3rd Cross Akashwani Layout	Sqm	2	6.90	0.90	12.42		
b	8th Cross Bhuvaneshwari Nagar	2	5.50	0.90	9.90			
c	2nd Cross Amruthnagar A Sector	2	5.60	0.90	10.08			
d	1st Main Road Talacauvery Layout	2	9.00	0.90	16.20			
e	7th B Cross Jakkur Layout	2	6.50	0.90	11.70			
f	1st Cross Balaji Layout	2	10.20	0.90	18.36			
				Actual Qty		78.66		
				Limited to		77.76	203.68	15838.16

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Kodigehalli Sub Division
BMP, Bangalore

5	Providing and laying in position Plain ' Cement Concrete Mix 1 :3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well i . compacted using plate vibrators, including ' all lead & lifts, cost of all materials of ; quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (PWD SR 2021-22 Vol -I Pg 15 item no 2.1.3)							
	Detail Qty Recorded as per Premeasurement Item No. 5	Page No.	19.44	4902.02	95295.27			
	Cum		2					

6	Providing and fixing pre cast covering slab 250mm thick made out of CC 1:2:4 and jelly 25 mm Down size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading unloading lead and lift, transportation etc complete. As per engineer incharge. (Data Rate)						
a	3rd Cross Akashwani Layout	Sqm	1	6.90	1.50	10.35	
b	8th Cross Bhuvaneshwari Nagar		1	5.50	1.50	8.25	
c	2nd Cross Amruthnagar A Sector		1	5.60	1.50	8.40	
d	1st Main Road Talacauvery Layout		1	9.00	1.50	13.50	
e	7th B Cross Jakkur Layout		1	6.50	1.50	9.75	
f	1st Cross Balaji Layout		1	10.20	1.50	15.30	
				Actual Qty		65.55	
				Limited to		64.80	4215.20
							273144.96

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

7	Loading and unloading of stone Boulder/stone aggregates/sand/kankar/morrums. (Tippers 14m3) (PWD SR 20121-22 Vol -III pg no 3 item no.1.1 C)						
	Qty 90% of Item No 01	Cum					
				Qty from item No 01		88.45	
				Limited to		84.03	63.33
							5321.62
8	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km (Vol-III) Page No.3, Item No.1.4B of PWD SR 2021-22						
		T.km	Qty Vide Item No 7			84.03	
			84.03	1.28		107.56	
			107.56	10.00		1075.58	86
				Actual Qty		1267.17	1183.12
				Limited to		1075.50	9.34
							10045.17
						Grand Total	658557.00
						GST Charges (18%)	118540
						Total Amount	777097.00

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore